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NPIC/TSG [REDACTED]  
9 December 1970

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MEMORANDUM FOR: Chief, Technical Services Group, NPIC

SUBJECT : Projects & Programs Staff Monthly Report - November 1970

A. During November, the Projects & Programs Staff conducted staff functions for TSG [including 1) administrative and support services for the Group, 2) continuous control and coordination of all TSG requirements and work orders, 3) working level liaison contact with PPBS on budget matters, and 4) with PSG on production matters] and was also involved in the following actions:

B. During the month, completed compilation of TSG FY 73-77 Five Year Plan package. This included editing and combining assumptions, statements of accomplishment, and program plans; coordinating and summarizing division contributions to the Center's ADP Annex; and collating and extracting spread sheets of line items by object class. Copies of the total Plan package, including the preparation guidelines, PPBS instructions, and Center objectives, were given to each division and the Chief, TSG.

2. Acted as TSG coordinator for a re-shuffle of NPIC parking spaces resulting from a decision by the Executive Director, NPIC to increase the number of cars parked on the main lot. TSG gained two spaces in the exercise, but had to juggle several permits because a large part of the lot is now reserved for small (maximum [REDACTED] length) cars.

3. Arranged and coordinated Center efforts with the Office of Training to host the CIA Research and Development Coordinating Board Conference held at NPIC on 19 November.

4. Provided the Permanent Secretary for the TSG Career Panel who prepared documentation and coordinated activities for the meeting that convened on 24 November. Required reports were submitted to the Secretary of the NPIC Career Board during the month.

5. Provided TSG representation at the NPIC Training Selection Panel on 24 November.

6. During the month, 23 new requirements were routinely processed and distributed to TSG components. Another 43 requirements were closed out, and 35 work orders for graphics, photography, publications, or ADP support were approved and co-ordinated with other NPIC components. There was further work with PPBS and PSG to develop a computer-assisted NPIC project status system. The TSG project status system was also advanced and should be operational soon.

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7. A series of orientation tours through PSG were arranged for TSG personnel, and a tour of TSG for a group of new IEG employees was coordinated by the Staff.

8. TSG support of the [ ] modification program was coordinated, and a schedule of required TSG escorts for the remainder of the program was drawn up. The modifications to [ ] proper are expected to be completed in January.

9. The NPIC Equipment Summary - 1970 was published and distributed to the intelligence community. This is the 8th consecutive edition put out by NPIC.

B. During December the following significant actions are anticipated:

1. Complete review of FY 73-77 Five Year Plan, and disseminate results to the components.

2. The last in the current series of PSG tours will be arranged. A further series will be arranged after the holiday season.

3. Arrange the TSG Career Panel meeting to convene on 15 December to consider promotions to GS-10 and CER for GS-11.

[ ]  
Chief, Projects & Programs Staff,  
NPIC/TSG

Distribution:

Orig. - Addressee

- 1 - NPIC/TSG/APSD
- 1 - NPIC/TSG/ESD
- 1 - NPIC/TSG/RED
- 2 - NPIC/TSG/PPS

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MEMORANDUM FOR: Chief, Projects & Programs Staff,  
TSG/NPIC

SUBJECT : APSD Activity Report for November 1970

1. The following items of significance occurred in the TSG/APSD during November 1970:

A. Administrative/Training

(1) On 19 November, [redacted] interviewed 11 students at the Rochester Institute of Technology. They will be considered for permanent employment in the APSD.

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(2) [redacted]

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on 17 and 18 November 1970. Purpose of the trip was familiarization with hardware, personnel and system operation of the [redacted]

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(3) [redacted] completed the two week Orbital Mechanics Course at Maxwell AFB, Alabama on 6 November 1970.

B. Exploitation Support

(1) Interpretation

(a) [redacted] the breakdown team designated 46 targets for special high contrast reproduction. Twenty-five targets were selected to receive high contrast printing on [redacted] A total of 67 frames, covering the Middle East high priority area, were designated for special high contrast printing by the breakdown team.

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(b) Those passes of [ ] which covered the Middle East area were also designated for special high contrast printing by the breakdown team.

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(c) DIAXX-4 requested high contrast reproduction samples of selected targets for distribution to several DOD components. IEB was requested to search recent missions for these targets and order high contrast reproductions as appropriate. This search was conducted and the photo lab support was completed on 26 November. The reproductions have been shipped to the requester.

(2) Operational Activities

(a) Initial phase handling of [ ] was accomplished from 31 October thru 3 November and from 10 thru 13 November 1970. This was the first mission to employ optical titling. The results were good.

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(b) [ ] participated in the [ ] PET Meeting held at Westover AFB on 9 thru 11 November 1970. They were unable to attend the entire session because they were required to be at [ ] on 11 November for the initial phase handling of [ ]

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(c) The initial phase handling of [ ] was accomplished at [ ] on 28-30 November 1970.

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(d) Color photography was flown operationally using the [redacted] in the [redacted] Program on 7 November 1970. [redacted] requested a briefing board for a presentation to the Honorable [redacted]. The board was completed and forwarded [redacted] on 19 November. A copy was forwarded [redacted] and a copy is retained in NPIC.

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(3) Photogrammetric, Statistics, and Investigations

(a) NRO is developing an aircraft mounted side-looking Radar System using a modified existing SLAR. APSD/ISAB is involved in assisting other NPIC components in determining the abilities and values of the system to provide reliable metric intelligence information.

(b) NPIC has the responsibility of providing the intelligence community with [redacted] calibrations prior to each launch. The calibrations include the cross track distances between scan angle marks. The APSD/ISAB in-depth analysis of [redacted] Image Motion Compensation Equation indicates that it should be made clear to the recipients of the calibration that the cross track distances are unique to a particular set of parameters and not a constant for all frames. To aid us in this analysis two Open-Shop FORTRAN Programs were developed by APSD/ISAB.

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(c) In its support to the Compass Link project APSD/ISAB has developed and measured a Reseau Grid. We are in the process of determining the logistics necessary to have this grid transmitted. After transmission we will be able to determine the distortion patterns and residuals.

(d) Three speed letters were received from IEG/PHD requesting photogrammetric support. Two were for Model Maintenance and Modification; the other was for assistance in obtaining error estimates for a Line of Sight Problem.

(4) Densitometric, Statistics and Investigations

(a) Three speed letters were received from [ ] requesting Micro-D Support.

(b) ISAB/DAS continued with Phase I of the acceptance testing of various sections of the Micro-D support system.

(c) Work continues on our Isodensity Technical Publication which is aimed at informing both management and NPIC Photo Interpreters of the potential application of ISO-D capability available within the division.

(d) Work continues on the ISO-D traces of an item at the USSR Shikhany Field Test Area.

C. Collection System Support

(1) Systems/Films Under Development:

(a) Additional copies of simulated [ ] material have been ordered to accommodate the Center's needs. The initial request called for

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two composite rolls (KH-7 imagery combined with [REDACTED]. Eleven rolls, including two DNs constitute the second order. This material is to be employed for the testing of the Target Indexing Device and other new equipments.

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(b) One of the two planned test missions employing SO-242 test color film in an [REDACTED] [REDACTED] was flown, and the film forwarded to NPIC for evaluation. Results were cabled to the requester.

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(2) Operational Systems:

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(a) [REDACTED] activity continued at a high rate during November with a total of 9 missions evaluated. In addition, a special request concerning the globular-shaped water spots which interfered with the readout of [REDACTED] was received from [REDACTED]. It requested NPIC to determine if these same type spots had occurred on previous missions. APSD/IEB rechecked several past missions and found no evidence of these spots. [REDACTED] was notified accordingly.

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(b) Eight [REDACTED] were broken down and evaluated at [REDACTED] during the month.

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(c) A historical report on the [REDACTED] Program was furnished to the COMIREX on 30 November. This report updated a previous report giving operational and technical data on flights [REDACTED] and all flights to [REDACTED].

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(d) Several viewgraphs on [REDACTED] [REDACTED] showing ascending and descending passes in a cumulative format were furnished to the NRO during the month. These viewgraphs will be used in high level briefings by the NRO.

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(e) Publication support to the OSA was arranged for on several occasions. Several hundred copies of special classification forms were requested. These forms were reproduced by the PSG, Lithographic Services Branch and delivered to the OSA.

(f) In line with policy earlier approved by the COMIREX (in response to an employee suggestion by a member of APSD/OAB to preclude unnecessary reproduction of [ ] film when the photo coverage contained excessive cloud cover) action was initiated early in the month to halt stateside reproduction of [ ] of 5 November. COMIREX accepted the OAB recommendation, resulting in a savings in reproduction and distribution of eleven duplicates of the film record.

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(g) Copies of the APSD System Resolution notebook were forwarded to [ ] DD/NPIC, [ ] DD/S&T/OSA and [ ] NRO/SOC. Feedback regarding the notebook indicates it has received very extensive use; and as suspected, several questions have arisen regarding the validity of the data. It is evident that some of the data needs further explanation.

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2. The following items of interest are anticipated for the month of December:

A. Operational Support:

(1) Initial phase handling of [ ] will be conducted on or about 7 thru 9 December 70. A new packaging concept will be tested on this mission. The material will be packaged by NPIC component at the site, thereby eliminating the need for re-packaging here at NPIC.

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(2) [ ] are scheduled to visit [ ] on 3 December 1970 to discuss optical titling procedures for [ ] materials.

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B. Collection System Support

(1) Special target oriented reproductions will be provided to the Community on [ ]

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(2) Support will continue on the [ ] Missions.

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(3) Initial phase support will be provided for Tag missions if required.

(4) The PET Meeting for [ ] is scheduled for January 1971. [ ] will attend.

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(5) Support of the [ ] Program will continue as required.

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C. Photogrammetric, Statistics, and Investigations:

(1) The division will continue with Phase I of the Acceptance Testing of various sections of the Micro-D Support System.

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SUBJECT: APSD Activity Report for November 1970

(2) The new optics for the [ ] 1032T have not shown up yet, however, the quality control target has been received and is being traced. These traces and data will be returned to [ ] [ ] for analysis. The idea here is for a comparison of old to new traces to be made when the new optics are installed.

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Chief, Applied Photo Science Division  
TSG/NPIC

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Attachment to

7 December 1970

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MEMORANDUM FOR: Chief, Projects & Programs Staff, TSG, NPIC

SUBJECT : ESD Monthly Report for November 1970

A. Noteworthy Events

1. Emergency Maintenance Service - The Equipment Performance Branch received 76 requests for miscellaneous emergency service during November. Approximately 61% were electronic type, 31% mechanical and 8% optical. These requests by operational components are:

IEG	42	Army	3
PSG	22	TSG	2
DIA	5	IAS	2

2. Preventive Maintenance - Under the Preventive Maintenance program a total of 138 instruments were serviced. This included cleaning, repairing, lubrication, alignment, and replacement of missing or malfunctioning parts. Minor modifications were made as required. These actions by operational components are:

IEG	83	Army	2
DIA	34	TSG	3
PSG	9	IAS	7

3. Modification, Design and Fabrication Projects - Ten modification, design, and fabrication projects were completed in support of Center components. The most significant being the modification of the gear housing assemblies of two (2) paper feeders used on Univac 1004 Printers in PSG/AID so that the gears will mesh and alignment can be maintained.

4. Miscellaneous Projects

(a) EPB has assumed maintenance responsibility for the Honeywell computer and Teletype portion of the Digital Image Manipulation System.

SUBJECT: ESD Monthly Report for November 1970

(b) Problems repeatedly have been occurring which cause delays during installation of I.I.S. equipment. The problem appears to be a lack of coordination with EPB during site planning.

(c) Three (3) Sanders CRT Display Units and two (2) Teletype ASR Printers have been reinstalled during November. Equipment was disconnected during renovation in IEG.

(d) Preventive Maintenance has been performed by the manufacturers representative on the OMI equipment affiliated with the Bendix AP-3 Computer in IEG/PHD.

5. The following new equipment was tested for operational components:

Anamorphic Eyepiece,	18 each
.5X Mono Lens	21 each
1X Rhomboid Lens	20 each
2X Rhomboid Lens	18 each
Widespan Rhomboid Arm	18 each

6. Target Indexing Device - A revised and fully coordinated Test Plan was distributed. The test engineer witnessed the successful pre-acceptance tests at            on 16-17 November and the device arrived at NPIC on 25 November. A preliminary Test Procedures document has been prepared. A Target Indexing Device (TID) Implementation Team was constituted in coordination with RED, co-chaired by RED and ESD, to ensure T&E support and to make recommendations after completion of the operational suitability evaluation.

7. Twin Stage 6 x 6 Comparator - Final tests for orthogonality were conducted and the unit prepared for its move to IAS for operational testing.

8. High Precision Stereocomparator - The test engineer witnessed the successful first phase of pre-acceptance testing at            on 16-20 November. Additional operational-type in-plant tests are scheduled for December.

9. 1540 Light Table - The test engineer accompanied other NPIC personnel on visits to            on 2-4 November and again on 12-13 November. The pre-production table failed to meet tests and operational approval on both occasions. After approval for shipment does occur, the first table will be subjected to additional acceptance testing at NPIC.

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10. Diazo Reproduction Systems Study - Work continued on this six week effort to collect data and to test and evaluate diazo systems that are available on the commercial market.

11. Image Definition Device - This is an Air Force developed prototype loaned to NPIC for test and evaluation of its tracking light source. The unit arrived on 23 November in an inoperative condition. Repairs are being arranged.

12. Zoom 240R Filar Eyepiece - A test plan dated 30 November has been distributed. Arrival of the prototype is scheduled for 31 December 1970.

13. ☐ U.V. Rear Projection Viewer - This item is scheduled to arrive in January 1971. Preparation of the test plan is underway.

14. Optical Testing Contract - ☐ personnel visited NPIC on 12 November. They delivered a progress report and requested assistance in arranging visits to several testing facilities.

15. Procurement Coordination - ☐ NPIC Member of the ☐ Procurement Coordinating Team continued coordination with community members on the ☐ Precision Enlargers and the 1540 Light Table joint procurements to affect cost reductions.

16. ☐ Readiness Report - An updated report was issued on 9 November as a result of discussions with key TSG personnel and papers available on the subject.

17. ☐ continued twice a week attendance to the "probability Theory and Statistics" course.

18. Five TEB members attended the PSG tours.

19. ☐ worked at night shift escort duty during the week of 30 November.

20. ☐ spent two weeks in ESD being briefed on functions, procedures, and capabilities of the Division.

21. ☐ to discuss Zoom 240R optical problems.

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SUBJECT: ESD Monthly Report for November 1970

25X1 22. On 18 November [ ] met with  
25X1 Air Force representative, [ ] concerning spare parts for the  
[ ] 1540 Light Tables.

B. Anticipated Events for December:

25X1 1. [ ] will be visiting [ ] 30 November through  
25X1 11 December for informal maintenance training on the [ ]  
Stereocomparator.

25X1 2. [ ] will be attending the Managerial Grid  
course 29 November through 4 December.

25X1 3. Completion of the Diazo Study and tests are expected and testing  
of [ ] processors will be resumed.

4. T&E of the Image Definition Device is scheduled to begin.

5. Distribution of the T&E Report for the [ ] 2X Objective.

6. Arrival and testing of the first [ ] 1540 production model  
light table is expected about 10 December 1970.

7. Completion of pre-acceptance test on the HPSC.

25X1 8. Start T&E of the [ ] Target Indexing Device.

[ ]  
Chief

Engineering Support Division, TSG, NPIC

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4 December 1970

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MEMORANDUM FOR: Chief, Technical Services Group, NPIC

ATTENTION : Chief, PPS/TSG

SUBJECT : RED Monthly Report on Significant Events  
(November 1970)Significant Items of Interest for November 1970:

1. Target Indexing Device [ ] - The TID was delivered to NPIC on 25 November 1970. It is currently being reassembled in Room 2N617 by contractor personnel. After reassembly, the device will be undergoing test and evaluation and simulated operational tests. Actual operational tests will begin upon receipt of first mission film.

2. Utility of Stereo Scanning [ ] - Final reports were delivered in November and are currently being evaluated. The data in these reports will be used to evaluate the feasibility of continuing the development of the Automated Stereo Scanner. The latter is undergoing an engineering audit by [ ]

[ ]

4. [ ] Stereocomparator [ ] - Part 1 of the Pre-acceptance Tests for this instrument were performed at the [ ] plant by NPIC personnel from 17-19 November 1970. This part of the test covered the technical specifications and parameters for the [ ]. The instrument met all major specifications. Part 2, covering the operational suitability of the instrument, will take place in December.

5. Scan & Search P.I. Station - Work is progressing slightly ahead of schedule on this project. [ ] the optical subcontractor, reports that the optical fabrication is going along very well.

6. Step and Repeat Printer - RED/TSG and PSG met with [ ] on this program. Guidance was provided on format size, scan angle marks, etc., of planned operational imagery.

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7. Research in Mensuration Instruments - The contractor demonstrated the progress made on the Automated Pointing Task of this program. RED/TSG and PHD/IEG personnel viewed the bench setup used with imagery and were quite impressed with the results.

8. [ ] 1540 Light Table - Engineering and operational tests were performed at the [ ] plant on several occasions during the month of November. Several deficiencies were surfaced and corrected by the contractor. The technical monitor ran additional tests on 28 and 30 November and feels that the table is technically acceptable. RED/TSG and IEG will perform operational suitability tests on the table at [ ] on 1 December 1970.

9. 8" x 10" Camera [ ] - A Weiser-Robodyne 8" by 10" Polaroid Camera was obtained from the manufacturer for NPIC evaluation from 2-6 November 1970.

10. Heat Processor [ ] - A new proprietary heat processor has been obtained on loan from the [ ] This will be evaluated throughout the Center for use with Heat-Processed Diazo and daylight dry silver materials.

11. Calibration Device - Phase 1 of the development of a calibration device for the [ ] has been completed and the experimental prototype shows definite promise. Paper work is in progress for the approval of Phase 2 to fabricate the actual prototype device.

12. Sensitometric Processor - [ ] visited SPPF, Westover Air Force Base, to witness the acceptance tests of the [ ] Sensitometer Processor purchased by the Air Force. As a result of this visit, the specifications of the NPIC sensitometric processor were defined and an agreement reached with [ ] to build its processor for a total cost of [ ]

13. Unconventional Film Testing [ ] visited NPIC to discuss a contract for testing unconventional films. [ ] is well equipped in this area, and has tested several unconventional films for laser recording systems. Three reports on in-house work in this area were received. A proposal has been requested.

14. Color Gamut Program [ ] has written a [ ] program that saves a significant amount of time in reducing density values required for the Color Gamut Program.

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SUBJECT: RED Monthly Report on Significant Events (November 1970)

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15. Color Training Program [ ] - Agency TS clearances were granted [ ] personnel during the reporting period. Plans are underway to begin an extensive Center familiarization program for them in support of the color training contract. A memorandum specifying the nature and extent of the support has been sent to all Group Chiefs.

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16. Program Review [ ] - A three-day NPIC [ ] Consultants' Panel program review was held in Seattle. Results from the FY-69/70 program were evaluated. The FY-71 program was reviewed and modified, as appropriate.

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17. Advanced PI Viewer Development [ ] - Contractor representatives held extensive discussions with [ ] (NPIC optics consultant), as well as with ATB/RED and IEG personnel, regarding the development of an advanced PI viewer.

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18. UV Exposure Criteria Evaluation [ ] - That portion of the Human Engineering Design Guide (HEDG) concerning recommended exposure levels to ultraviolet radiation has been submitted to OMS for review and evaluation. Distribution of the revised HEDG is delayed pending receipt of the evaluation.

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19. OSI - NPIC Stereo Acuity Research Program - [ ] [ ] Life Sciences Division/OSI, and [ ] HFS/RED, have completed preliminary plans to conduct an experiment to assess the influence of age and experience as a microscopist on stereo acuity. The experiment, for [ ] master's thesis in human factors at Catholic University, also satisfies an NPIC vision testing program requirement. The study will employ Center photointerpreters as well as new non-PI Agency employees. In addition, the laser optometer developed by [ ] [ ] (NPIC human factors consultant) will be used to assess the refractive state of the observers' eyes. The stereo acuity test developed by [ ] personnel will constitute the visual stimulus, the first time it will have been used on Center PI's.

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20. Contact Lens Evaluation - [ ] and [ ] personnel developed a program to evaluate the feasibility of a large scale contact lens prescription program for PI's who will use the Wide-Field Stereo Viewer.

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21. EOI Imagery Evaluation - The final report of a study by OSP, NPIC, and [ ] to evaluate simulated EOI imagery was submitted to the Executive Director, NPIC.

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SUBJECT: RED Monthly Report on Significant Events (November 1970)

22. Image Manipulation Research Laboratory - The Scanner and display components have been installed in Room 4N807. Detailed testing is in progress and will be completed in January 1971. Experiments will be performed in conjunction with the OCS computer.

23. Digital Image Manipulation (DIM) - This contract with Scripps Visibility Laboratory ends in November. The information extraction experiments met their objectives. Results on the manipulation of operational imagery have not been received, but should be promising enough to justify another year of support. The final report will include a detailed historical summary of the entire five-year project.

24. Herd Criterion - [ ] delivered data showing the effects of the Herd Criterion on one-dimensional, edge trace data; the results are promising. [ ] personnel are working on two-dimensional image data. The contract will be completed 31 December 1970.

25. Power Spectral Density, Quality Measure [ ] - The initial tests of the ability of this technique to rank imagery in the same order of quality as human observers were very successful. The MIP set was ranked properly except for one image, and the TID selected the best focus image out of 30, each varying by 0.0005". Final experiments are underway. The contract will be completed in December 1970.

26. Optical Image Manipulation (OIM) - This project has entered the operational imagery test phase. For the first time, imagery with resolution values of greater than 125 l/mm has been visibly improved experimentally. This, with [ ] is ahead of schedule. A milestone briefing will be held at NPIC on 9 December 1970.

27. Proposals, Contracts, and Reports

- a. A proposal for a laboratory feasibility test to retrieve information from overexposed film was received from Technical Operations. It is being evaluated.
- b. Proposals have been received from the [ ] for: a PI Print Out Station; a Compact, High-Speed, Roll-Film Processor; and a Dry Color Program. These are all based on the previous work in dry silver technology.

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SUBJECT: RED Monthly Report on Significant Events (November 1970)

c. Proposals and reports evaluated:

1. [ ] unsolicited proposal, Scanning Rear Projection Viewer.
2. [ ] unsolicited proposal, Supra Additive Color Enhancing Film Viewer.
3. [ ] Development of Specifications for an Audio Clueing Information System - evaluation completed.
4. Beneficial suggestion, Teletype Console Paper Display and Feed - evaluation completed.
5. ESD/TEB Memo Test Report on Computer Center Sound Level - evaluation completed.
6. [ ] unsolicited letter proposal to Establish the Intelligence Value of Color Photography - evaluation in progress.
7. [ ] unsolicited letter proposal for Enhancing Human Performance on Complex Perceptual Tasks - evaluation in progress.
8. [ ], Evaluation of Four Image Manipulation Techniques for Photointerpretation - evaluation in progress.
9. [ ] Machine Features, Analysis of the Study of the Utility of Stereo Scanning - evaluation in progress.
10. U.S. Arms Control and Disarmament Agency, Aerial Surveillance Imagery Interpretation Support Program - evaluation in progress.

d. Contracts:

1. RIT Grant Program - The PAR was approved by the DDI. It should be formally issued by 27 November 1970.

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SUBJECT: RED Monthly Report on Significant Events (November 1970)

d. Contracts: (cont.)

2. Photoscience Support - The PAR was approved by D/NPIC. It should be issued formally in December.

3. [ ] - The Color Technology Implementation Contract for [ ] was signed off.

4. A request for a follow-on contract with [ ] has been forwarded to Chief, Personnel Branch.

e. The final VHR Working Group Report was published and distributed. COMIREX reception was favorable.

28. [ ] - This strategic SLR evaluation project gained considerable mention. RSB provides the NPIC project officer. Progress is steady, but not without minor problems. The targeting is nearly complete after a full two weeks of work. Photogrammetric studies are underway, and tentative time schedules have been established.

29. Briefings and Consultations:

a. [ ] participated in several working sessions with Mr. [ ] regarding a special project, and a briefing was given to the Office of the Director, NPIC.

b. The NPIC Near-Real-Time [ ] ad hoc study group was re-activated and encouraging progress is being made.

c. [ ] attended the Critical Design Review meetings at [ ] on the [ ] software. [ ] also attended a Tiger Team review of [ ] hardware at [ ]

d. [ ] presented lectures on Geometrical Optics and, in December, will continue to examine photometry. These lectures have been well received and attended. Members of RED, APSD, ESD, and TSD/DDP are participating.

e. [ ] presented a day long briefing and consultation on their free radical film. [ ] was quite open in his discussions of the mechanisms by which this unconventional material functions. His inputs added significantly to our knowledge of this material.

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Approved For Release 2003/08/05 : CIA-RDP78B05171A000800030004-5

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SUBJECT: RED Monthly Report on Significant Events (November 1970)

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f. [ ] briefed C/RED and C/APSD on the Color Gamut Report.

g. HFS/ATB personnel assisted TEB/ESD in designing an experiment to evaluate a new reticle design.

h. RED personnel met with representatives from PSG to discuss microfiching the human factors research reports--a prelude to a proposed division-wide document storage and retrieval program.

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i. [ ] - NPIC Color R&D Program Briefing - ATB personnel briefed [ ] R&D management on the Center's color R&D program. [ ] Project Director for intelligence related research, requested and was granted permission to submit a letter proposal outlining [ ] thoughts relative to the establishment of the intelligence value of color.

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30. Training:

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a. [ ] is attending the in-house reading improvement course.

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b. [ ] is attending an Intelligence Briefing Course through 4 December 1970.

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[ ]  
Deputy Chief,  
Research & Engineering Division,  
TSG/NPIC

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